

CLAIMS

What is claimed is:

1. An apparatus comprising:

(a) a backlight;

(b) a first hologram;

(c) a liquid crystal display, and

(d) a second hologram having a first holographic recording interlaced with a second holographic recording, said second hologram positioned between said first hologram and said second hologram.

2. The apparatus of claim 1, further comprising a micro-collimator array positioned between said backlight and said first hologram.

3. A method of making an apparatus comprising:

(a) forming a first hologram;

(b) forming a second hologram having a first holographic recording interlaced with a second holographic recording;

(c) providing a backlight and a liquid crystal display;

(d) arranging said first hologram and said second hologram between said backlight and said liquid crystal display so that said first hologram is aligned adjacent to said backlight and said second hologram is aligned between said first hologram and said liquid crystal display.

1 4. The method of making the apparatus of claim 3 further comprising;

2 (a) forming a micro-collimator array; and,

3 aligning said micro-collimator array between said backlight and said first hologram

1 5. A method of making a right-left interlaced hologram master comprising:

2 (a) forming a first holographic recording at a first position;

3 (b) forming a second holographic recording at a second position wherein said first

4 holographic recording is interlaced with said second holographic recording.

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